This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.   (Currently Amended) A web server for facilitating communications with an embedded device through a gateway, the web server comprising:

web pages, the web pages being downloadable by web clients and being usable by the web clients;

an HTTP server for serving the web pages to the web clients;

a user interface component, the user interface component being downloadable by a web client and being usable by the web client to present a user interface element that relates to an embedded device, the user interface element being capable of causing communication with the embedded device;

a gateway communications module for communicating with the gateway, wherein the gateway is in electronic communication with the embedded device, and wherein the gateway is programmed to communicate with the embedded device, wherein the user interface element initiates instructions included in the gateway communications module to communicate with the embedded device; and

the HTTP server operating to send the user interface component to the web client, the web client receiving and processing the user interface component to present the user interface element, wherein communication with the embedded device is initiated through use of the user interface element by the user interface element sending data to the HTTP server, the HTTP server sending the data to the gateway communications module, and the gateway communications module communicating with the gateway that communicates with the embedded device, wherein the HTTP server is further configured to determine whether third party software is necessary to process a data request sent by the web client, wherein the

<u>server is further configured to determine whether it has sufficient information and functionality to service the device request, and if yes, the server will service the device request without communicating with the gateway.</u>

2.   (Original) The web server as defined in claim 1 wherein the user interface component comprises instructions written in HTML.

3.   (Original) The web server as defined in claim 1 wherein the user interface component comprises instructions written in HDML.

4.   (Original) The web server as defined in claim 1 wherein the user interface component comprises instructions written in WML.

5.   (Original) The web server as defined in claim 1 wherein the user interface component comprises an applet.

6.   (Original) The web server as defined in claim 1 wherein the user interface component comprises web-based multimedia.

7.   (Original) The web server as defined in claim 1 further comprising a plurality of user interface components.

8.   (Original) The web server as defined in claim 1 wherein the gateway communications module comprises a servlet.

9.   (Original) The web server as defined in claim 1 wherein the gateway communications module comprises a script.

10.   (Currently Amended) A web server for facilitating communications with a plurality of embedded devices through a gateway, the web server comprising:

web pages, the web pages being downloadable by web clients and being usable by the web clients;

an HTTP server for serving the web pages to the web clients;

a plurality of user interface components, the user interface components being downloadable by the web clients and being usable by the web clients to present user interface elements that relate to the embedded devices, the user interface elements being capable of causing communication with the embedded devices;

a gateway communications module for communicating with the gateway, wherein the gateway is in electronic communication with the embedded devices, and wherein the gateway is programmed to communicate with the embedded devices, wherein the user interface elements initiate instructions included in the gateway communications module to communicate with the embedded devices; and

the HTTP server operating to send the user interface components to the web clients, the web clients receiving and processing the user interface components to present the user interface elements, wherein communication with the embedded devices is initiated through use of the user interface elements by the user interface elements sending data to the HTTP server, the HTTP server sending the data to the gateway communications module, and the gateway communications module communicating with the gateway that communicates with the embedded device, wherein the HTTP server is further configured to determine whether third party software is necessary to process a data request sent by the web client, wherein the server is further configured to determine whether it has sufficient information and functionality to service the device request, and if yes, the server will service the device request without communicating with the gateway.

11.   (Original) The web server as defined in claim 10 wherein the user interface components comprise instructions written in a markup language.

12.   (Original) The web server as defined in claim 11 wherein the markup language is HTML.

13.   (Original) The web server as defined in claim 11 wherein the markup language is HDML.

14.   (Original) The web server as defined in claim 11 wherein the markup language is WML.

15.   (Original) The web server as defined in claim 11 wherein the user interface components further include an applet.

16.   (Original) The web server as defined in claim 15 wherein the user interface components further comprise web-based multimedia.

17.   (Original) The web server as defined in claim 11 wherein the gateway communications module comprises a servlet.

18.   (Original) The web server as defined in claim 11 wherein the gateway communications module comprises a script.